SAMSUNG



AR70 Split Air Conditioning

Effortless control, intelligent comfort

Connected through the SmartThings App[1], the residential air conditioner range puts complete cooling control at your fingertips. Settings can be adjusted, performance monitored and energy use optimised — all from a single, centralised platform for smarter, simpler home cooling.

Easy

Effortlessly connect and control your devices
Simply power on your devices to connect and control them all

Save

Save time and energy
Designed to support more efficient energy use and free up your time for what truly matters

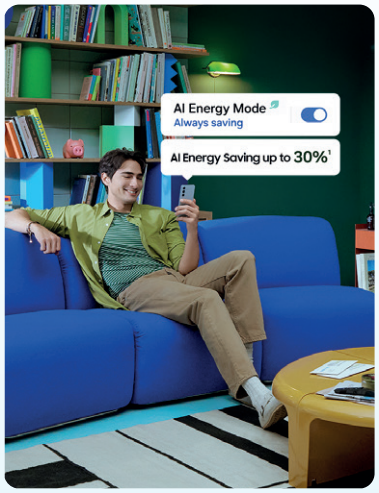
Care

Care for your loved ones
Protect your parents, kids and pets wherever you are



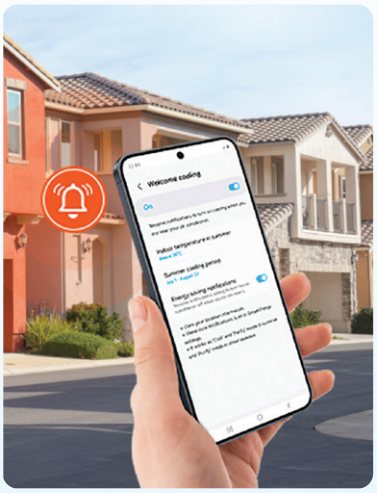
Samsung SmartThings





Intelligent Energy Monitoring

By analysing your usage patterns, the system automatically optimises settings to reduce cooling energy consumption by up to 30%[2].



Welcome Home Climate Control

Feel comfortable as soon as you arrive or remotely switch off the AC when you leave. As part of the SmartThings App, when you are within a preset distance from your home[3], you are automatically notified to switch your air conditioner on or off.



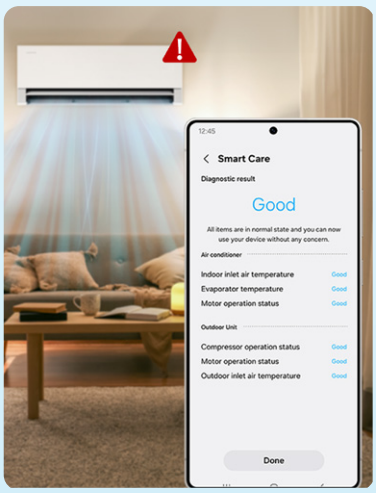
Effortless indoor climate control

Air quality, temperature, humidity, room occupancy and activity level are continuously monitored, helping to deliver stable, comfortable conditions.



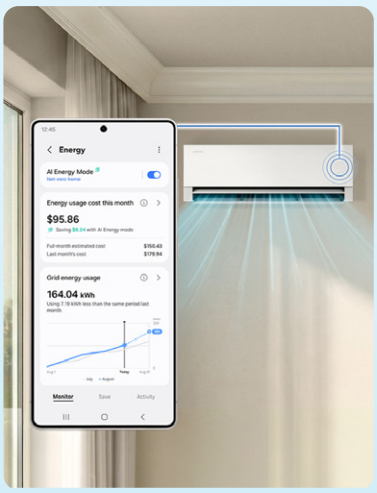
Voice-enabled control for seamless operation

Connect the air conditioner to voice assistants like Bixby, Amazon Alexa or Google Assistant to manage settings and maintain comfort seamlessly, so you can focus on what matters most.



Smart care, less worry

SmartThings Home Care continuously monitors your air conditioner status, alerts you to potential issues and provides clear information about key components — helping you address maintenance issues quickly without waiting for an on-site service[4].



Energy use monitoring

Monitor your energy usage while staying comfortably cool. SmartThings lets you check the power use and allows you to estimate your electricity bill[5].

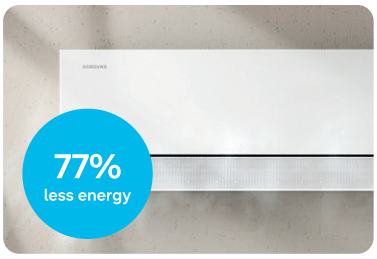
1. Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.
2. Based on internal testing on the AR70F12CAAWX, comparing total power consumption between AI Auto and AI Energy mode over 8 hours. Actual results may vary depending on installation conditions, environment and individual usage patterns.
3. The app tracks your location using your smartphone's GPS. This function may be affected by GPS conditions.
4. Service callouts will occasionally be required and may incur additional repair costs.
5. Energy usage cost amounts are an estimate only and may differ from the final bill you receive from your energy provider.

Seamless cooling for every moment

AI Fast & Comfort Cooling[1] monitors your usage habits and room conditions to keep your space comfortably cool with minimal effort. It brings the room to your preferred temperature quickly with Fast Cooling, before seamlessly switching to WindFree™ mode, maintaining the ideal temperature with a gentle, draft-free breeze.

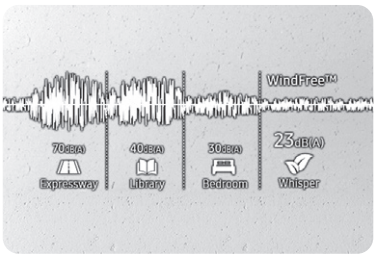


Why WindFree™?



Gentle Cooling

Enjoy gentle, even cooling without unpleasant cold draft or hot spots, while saving up to 77% energy compared to Fast Cooling[2] mode.



Low Detectable Noise

WindFree™ gently distributes cool air through thousands of micro holes, so you can enjoy whisper-quiet operation without sacrificing comfort.



Sleep Comfortably

Good Sleep mode helps to create the ideal sleeping climate by maintaining consistent temperature without unpleasant cold drafts or loud noise, helping you enjoy uninterrupted, deep sleep.

1. A Wi-Fi connection and a Samsung SmartThings account are required to utilise AI wind modes.
2. Based on internal testing and Psychrometric Calorimeter Data Sheet dated 15 September 2025. Testing was performed comparing the average power consumption between "WindFree™ mode" and "Fast mode" for AR70H12CAAW/EU. Actual energy use may vary depending on installation conditions, environment, and individual usage patterns.

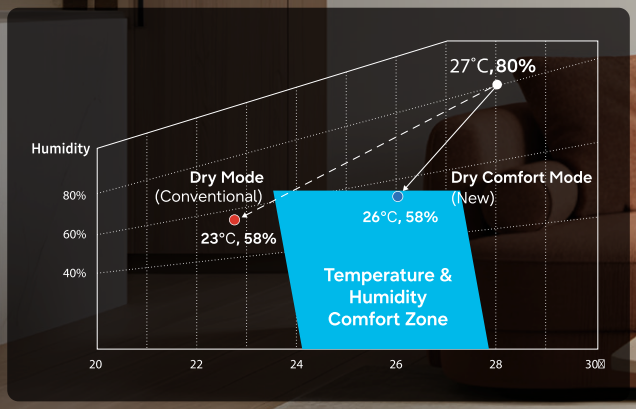
Perfectly dry, perfectly comfortable

Reduce humidity while maintaining comfort. Dry Comfort Mode intelligently monitors temperature and humidity to reduce moisture without unpleasant drops in temperature. Perfect for the rainy season, it helps to keep your room at a comfortable temperature while using up to 30% less energy*

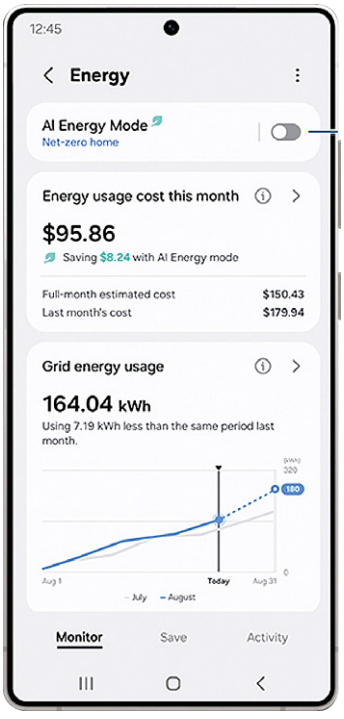


Dry Comfort Mode

Temp. + Air Flow + Humidity



* Intertek Report No.: 241200087SEL-001. Date: 24 Dec 2024. Based on the data collected the Hypothesis is accepted: Actual savings may vary depending on installation conditions, environment and individual usage patterns.



Efficient cooling that saves energy

AI Energy mode learns your usage preferences and monitors indoor and outdoor conditions, precisely adjusting the output and using up to 30% less energy without compromising your comfort.*

Monitor	Save	Report
The system monitors energy usage and switches to energy saving mode when close to the target energy use threshold.	AI analyses usage patterns and optimises them to maximise energy savings while maintaining comfortable conditions.	The user is notified of their energy savings via SmartThings

* Based on internal testing on the AR70F12CAAWX, comparing total power consumption between AI Auto and AI Energy mode over 8 hours. Actual results may vary depending on installation conditions, environment and individual usage patterns.

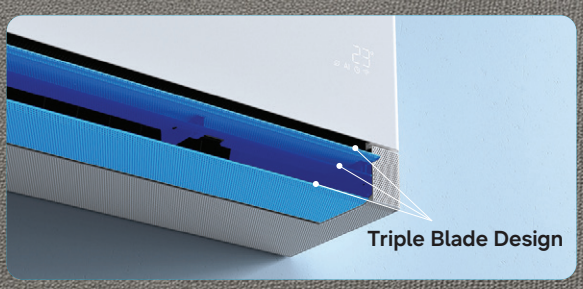
Precise airflow
that adapts to you

Experience comfort that adapts to you and your space. Powered by intuitive AI, three precision-engineered blades work together to deliver seven distinct airflow modes, from a soft, gentle breeze to focused cooling. Each movement is carefully controlled to provide balanced, personalised comfort that adjusts effortlessly to different preferences, room layouts and activity levels.

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10 Year Warranty on AI Inverter Compressor

10 year parts warranty applicable only to inverter compressor. Labour costs excluded. See full terms online. Wi-Fi connection and SmartThings app required to enable AI Auto Cooling.





*Based on internal comparison between AR70H12CAAWNEU and AR12TXCAAWNEU. The blade motion range has been expanded from 30-80°(45°) to front 0-90° and bottom 70-0°.

Tailored cooling with 7 Motion Winds



Cools your space faster

Maximum airflow delivers cold air 15%[1] faster, so your room reaches the perfect temperature in less time.



Even comfort everywhere

Swing speed and airflow are continuously adjusted to provide a sense of even airflow in various locations in the room[2], eliminating cold spots near the unit and hot spots across the space.



Reach every corner

AR70's redesigned front blades deliver a strong horizontal flow, pushing air over a distance of up to 10.5m, nearly twice as far as its predecessor[3].



Stay warm longer

Enhanced lower blades direct heat downwards, keeping the room cosy and warm[4] in cold climates.



Comfort wherever your need it

AI-powered radar sensor detects movement and room layout to intelligently adjust airflow — directing it towards occupants or avoiding them as needed.



Quiet, gentle comfort

WindFree™ mode provides cooling without harsh drafts, staying whisper-quiet while using up to 77% less energy than Fast Cooling[5].

User-focused cooling

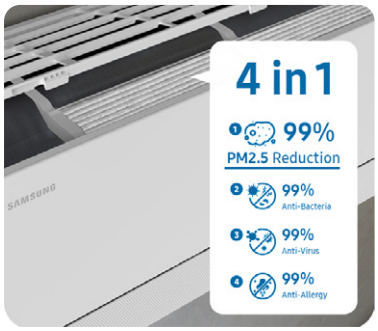
Built-in radar sensor with an operating angle of 120° and a range of 6m can detect up to 2 occupants and their activity level allowing for precise, personalised climate control. When absence is detected, the unit can be pre-programmed to switch to energy-saving mode or to perform functions like cleaning or monitoring.



1. Based on internal test comparing AR70F12CAAWX and conventional model AR12TXCAAWKEU, measuring time needed for indoor temperature from 33°C to 25°C.
2. Based on comparison of indoor airflow distribution between Surround Wind and conventional blade swing setting. Test model: AR70F12CAAWX.
3. Based on internal test comparing AR70F12CAAWX and conventional model AR12TXCAAWKEU, measuring airflow reach distance under cooling operation with max fan speed and blades set to highest position.
4. Based on internal test of indoor airflow distribution when AI Motion wind Down feature is active. Test model: AR70F12CAAWX.
5. Based on internal testing and Psychrometric Calorimeter Data Sheet dated 15 September 2025. Testing was performed comparing the average power consumption between "WindFree™ mode" and "Fast mode" for AR70H12CAAW/EU. Actual energy use may vary depending on installation conditions, environment, and individual usage patterns.

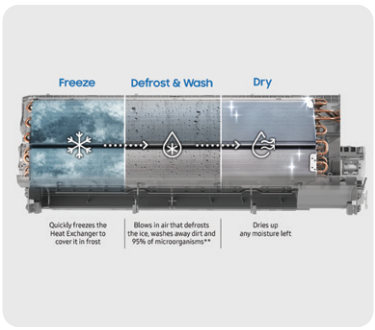
Clean air
all day long

Designed with your family's well-being in mind, our air conditioner goes beyond temperature control to care for your indoor air quality. From helping to reduce fine particles to maintaining system hygiene, every detail is designed to keep the air clean and comfortable — so you can truly relax at home.



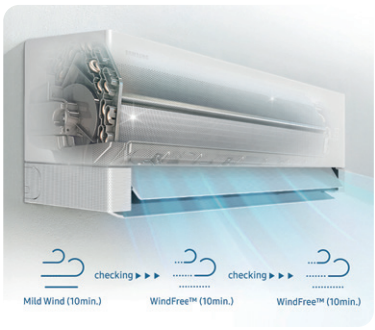
Quad Care Filter

Breathe cleaner air everyday. AR70's Quad Care filter removes up to 99% of certain viruses[1], bacteria[2], allergens[3] and incorporates a fabric that collects fine dust, including particles as small as PM2.5.



Freeze Wash

Support consistent performance and hygiene with the push of a button. Freeze Wash rapidly freezes the heat exchanger and then defrosts the ice, removing up to 95% of certain microorganisms[4] before drying the heat exchanger. An alert[5] will let you know when it's time for a clean again, making maintenance easy and worry-free.



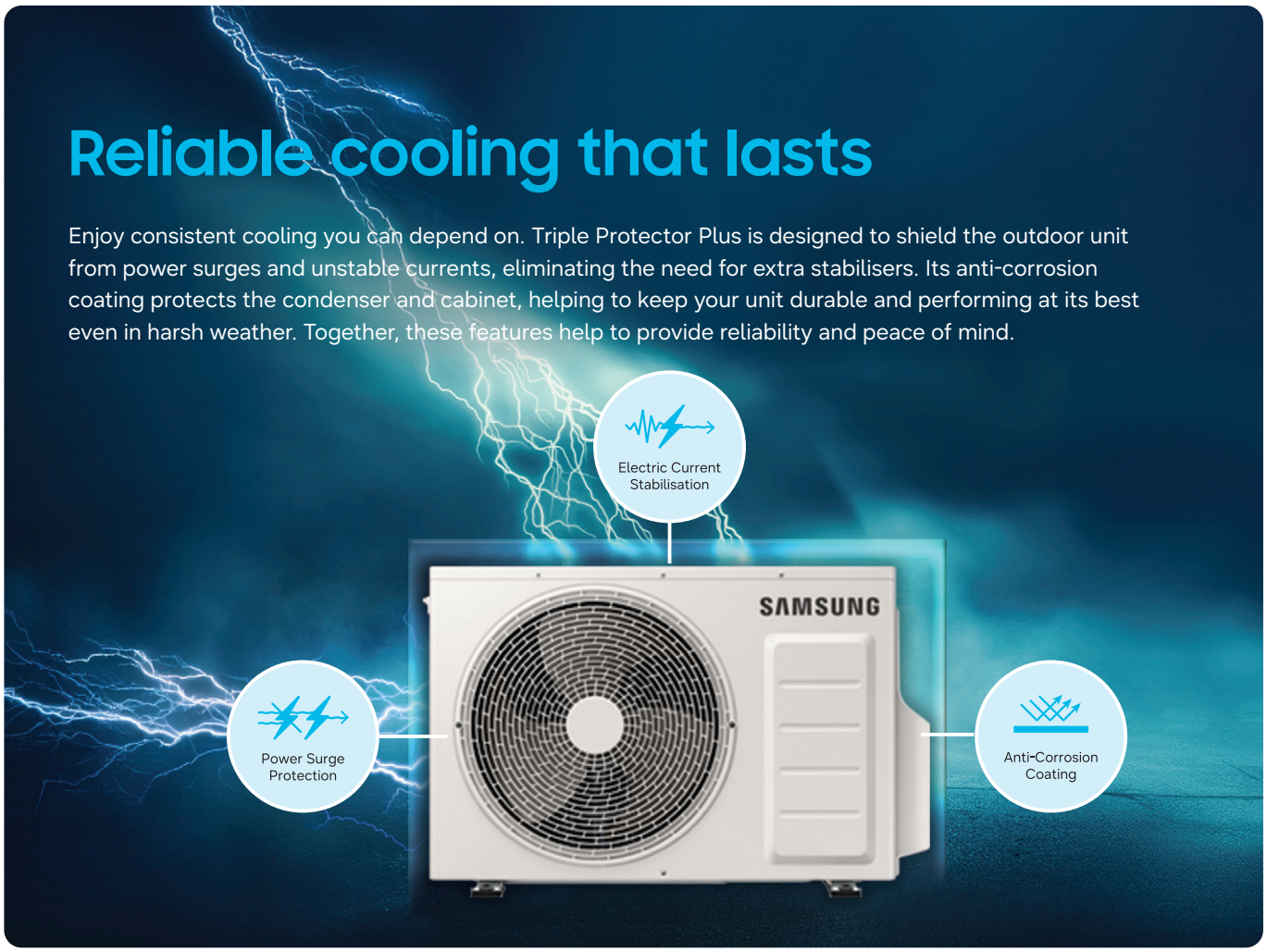
Auto Clean

Auto Clean prevents odours and mould build-up by automatically drying the heat exchanger after operation using a 3-step process.[6]

1. Intertek Report No.: RT22E-S0062_R1 . Date: 26 Oct 2022. Based on the data collected the Hypothesis is accepted: Over 99.9% of porcine epidemic diarrhoea virus (PEDV) & HCoV-OC43 virus that have been in contact with the filter (DB63-04456*) for the duration of 120 minutes have been removed.
2. Intertek Report No.: RT22E-S0052_R1. Date: 21 Jul 2022. Based on the data collected, 99.9% of Staphylococcus aureus (ATCC 6538) and 99.9% of Klebsiella pneumoniae (ATCC 4352) were collected by the filter.
3. ITEA Report No.:T2211001. Date: 30 Nov 2022. Based on the data collected, over 99% of Japanese Cedar Pollen Extract (Product No. 10103, ITEA) was removed from the testing solution.
4. Intertek Report No.: RT20E-S0047_R1. Date: 24 Mar 2022. Based on the data collected, the Freeze Wash course of Samsung air conditioner can remove over 95% of the Escherichia coli (ATCC 8739) and Staphylococcus Aureus (ATCC 6538) bacteria from the surface of the heat exchanger.
5. Available on Android and iOS devices. A Wi-Fi connection and a Samsung account are required.
6. The Auto Clean time will vary depending on the condition of the air conditioner.

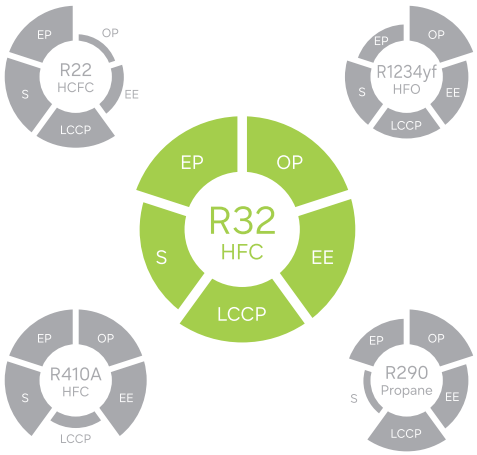
Reliable cooling that lasts

Enjoy consistent cooling you can depend on. Triple Protector Plus is designed to shield the outdoor unit from power surges and unstable currents, eliminating the need for extra stabilisers. Its anti-corrosion coating protects the condenser and cabinet, helping to keep your unit durable and performing at its best even in harsh weather. Together, these features help to provide reliability and peace of mind.



Reducing the impact

The outdoor unit uses next-generation R32 refrigerant with zero ozone depleting potential and a lower global warming potential* compared to conventional refrigerants.



* GWP rating: R32 refrigerant = 675 vs. R410A refrigerant = 2,088.
Global Warming Potential (GWP) ratings reflect standardised global measures.

Solar Cell Remote

Stay in control without having to worry about using batteries! The Samsung Solar Cell Remote Controller includes a solar panel on the back, allowing it to recharge via direct sunlight or even ambient light in the room. If required, you can also recharge it using a C-type USB connector.



Specifications



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Built-in Wi-Fi

Samsung SmartThings

Model	Indoor Unit		AR70H09CADWNSA	AR70H12CADWNSA	AR70H18CADWNSA	AR70H24CADWNSA	AR70H30CADWNSA
	Outdoor Unit		AR70H09CADWXSA	AR70H12CADWXSA	AR70H18CADWXSA	AR70H24CADWXSA	AR70H30CADWXSA
Capacity	Cooling (Min/Std/Max) (kW)		0.96/2.50/3.70	1.00/3.50/4.60	1.60/5.00/6.70	1.44/6.80/7.90	2.50/8.00/9.30
	Heating (Min/Std/Max) (kW)		0.70/3.20/7.00	0.65/4.00/7.20	1.30/6.00/8.00	1.32/7.20/8.90	2.40/9.00/13.00
Refrigerant	Type		R32	R32	R32	R32	R32
	Factory Charge (kg)		0.95	0.95	1.15	1.15	2.00
Energy Efficiency	COP (W/W)		4.21	3.88	3.53	3.27	3.27
	EER (W/W)		4.39	3.89	3.60	3.30	3.27
	Star rating (Cooling – Hot/Ave/Cold)		4.5/4.5/4.5	4.0/4.0/4.0	3.5/3.5/3.5	3.5/3.0/3.5	3.0/3.0/3.0
	Star rating (Heating – Hot/Ave/Cold)		4.0/2.5/3.0	4.0/2.5/3.0	3.0/1.5/2.0	3.5/1.5/2.0	3.0/1.5/2.0
	TCSPF (Hot/Ave/Cold)		6.448/6.024/6.279	5.747/5.500/5.740	5.229/5.057/5.272	5.003/4.847/5.120	4.706/4.588/4.787
	HSPF (Hot/Ave/Cold)		5.633/4.839/4.330	5.578/4.668/4.034	4.797/3.995/3.407	5.108/3.922/3.227	4.678/3.731/3.159
Power	Power Supply (Ø,V,Hz)		1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50	1,220~240,50
	Power Input (Min/Std/Max)	Cooling (kW)	0.57	0.90	1.39	2.06	2.45
		Heating (kW)	0.76	1.03	1.70	2.20	2.75
	Current Input (Min/Std/Max)	Cooling (A)	3.0	4.0	6.4	9.1	11.1
		Heating (A)	3.4	4.7	7.8	9.7	12.5
Indoor Unit	Cooling Air Flow Rate (T/H/M/L) (l/s)		138/130/120/102	157/148/130/112	262/238/215/192	272/250/227/192	327/282/227/172
	Sound Pressure Level (Hi/Lo) (dB(A))		38/17	40/17	41/25	45/26	47/30
	Net Weight (kg)		10.7	10.7	12.4	12.4	13.2
	Shipping Weight (kg)		12.5	12.5	14.1	14.1	14.9
	Net Dimensions (WxHxD) (mm)		889 x 299 x 230	889 x 299 x 230	1055 x 299 x 230	1055 x 299 x 230	1055 x 299 x 230
	Shipping Dimensions (WxHxD) (mm)		950 x 320 x 375	950 x 320 x 375	1115 x 320 x 375	1115 x 320 x 375	1115 x 320 x 375
Outdoor Unit	Sound Pressure Level (dB(A))		45	46	51	54	57
	Net Weight (kg)		30.5	30.5	36.5	38	63.6
	Shipping Weight (kg)		32.5	32.5	39.5	41	67.8
	Net Dimensions (WxHxD) (mm)		790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 638 x 310	940 x 998 x 330
	Shipping Dimensions (WxHxD) (mm)		913 x 622 x 371	913 x 622 x 371	1023 x 724 x 413	1023 x 724 x 413	995 x 1096 x 426
Installation	Max Piping Length (m)		15	15	30	30	30
	Max Piping Height (m)		8	8	15	15	15
	Liquid Side Connection (mm(inch))		6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side Connection (mm(inch))		9.52(3/8)	9.52(3/8)	12.7(1/2)	15.88(5/8)	15.88(5/8)
Additional Accessories	Prefilter		Removable/Washable	Removable/Washable	Removable/Washable	Removable/Washable	Removable/Washable
	Onboard Wi-Fi Connectivity		Yes	Yes	Yes	Yes	Yes
	Controller		Wireless - Included	Wireless - Included	Wireless - Included	Wireless - Included	Wireless - Included
Operating Temp. Range	Cooling (°C)		-10~46	-10~46	-10~46	-10~46	-10~46
	Heating (°C)		-15~24	-15~24	-15~24	-15~24	-15~24

Notes

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Samsung is committed to providing you peace of mind, with after-sales and warranty support



10 year warranty on parts and labour

We have you covered with Samsung's 10 Year Digital Inverter Compressor Limited Warranty, which covers first 5 years of parts and labour, followed by 5 years of parts only.

See warranty card or visit https://www.samsung.com/au/support/warranty for full details*



National Samsung service network

Our extensive national repairer network and dedicated Service Centres are on hand to support your product. We have extensive spare parts in Australia to ensure we get your air conditioning back up and running fast.



MEPS compliant

All Samsung air conditioners sold in Australia meet Minimum Energy Performance Standards (MEPS) as set by the Australian Government.



Product Support Line

If you have any concerns about your product simply call 1300 362 603 and our friendly staff will assist with your enquiry and book a service call if required.

*This is in addition to the rights of consumers under consumer guarantees pursuant to the Australian Consumer Law.

To learn more about Samsung Air Conditioners go to www.samsung.com/au/air-conditioners

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